

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-44 (canceled).

1           Claim 45 (currently amended): A rotary compressor comprising:  
2           an electric element, and first and second rotary compression elements driven by the electric  
3           element, these components being provided in a hermetically sealed container, CO<sub>2</sub> refrigerant gas  
4           compressed by the first rotary compression element being discharged into the hermetically sealed  
5           container, and the discharged refrigerant gas of intermediate pressure being further compressed by  
6           the second rotary compression element;  
7           a cylinder constituting the second rotary compression element;  
8           a support member adapted to seal an opening surface of the cylinder, and provided with a  
9           bearing of a rotary shaft erected on a center part;  
10           a discharge muffler chamber formed in the support member outside the bearing, and  
11           communicated with an inside of the cylinder;  
12           a cover having a peripheral part fixed to the support member by a bolt to seal an opening of

13 the discharge muffler chamber;

14 a gasket held between the cover and the support member; and

15 an O ring provided between an inner peripheral end surface of the cover and an outer  
16 peripheral surface of the bearing ~~The rotary compressor according to claim 8~~, wherein no sealing  
17 surfaces are formed on a base of the bearing.

1 Claim 46 (previously presented): The rotary compressor according to claim 45, wherein the  
2 cover is not fixed to the bearing by a C ring.

1 Claim 47 (currently amended): A rotary compressor comprising:  
2 an electric element, and first and second rotary compression elements driven by the electric  
3 element, these components being provided in a hermetically sealed container, CO<sub>2</sub> refrigerant gas  
4 compressed by the first rotary compression element being discharged into the hermetically sealed  
5 container, and the discharged refrigerant gas of intermediate pressure being further compressed by  
6 the second rotary compression element;

7 a cylinder constituting the second rotary compression element;

8 a support member adapted to seal an opening surface of the cylinder on the electric element  
9 side, and provided with a bearing of a rotary shaft erected on a center part;

10 a discharge muffler chamber formed in the support member outside the bearing, and  
11 communicated with an inside of the cylinder; and

12           a cover attached to the support member to seal an opening of the discharge muffler chamber,  
13           wherein a thickness dimension of the cover is set to greater than or equal to 2 mm and less  
14           than or equal to 10 mm,

15           wherein the cover has a peripheral part fixed to the support member by a bolt, a gasket is held  
16           between the cover and the support member, and an O ring is provided between an inner peripheral  
17           end surface of the cover and an outer surface of the bearing ~~The rotary compressor according to~~  
18           ~~claim 11~~, wherein no sealing surfaces are formed on a base of the bearing.

1           Claim 48 (previously presented): The rotary compressor according to claim 47, wherein the  
2           cover is not fixed to the bearing by a C ring.

1           Claim 49 (currently amended): A rotary compressor comprising:  
2           an electric element, and first and second rotary compression elements driven by the electric  
3           element, both components being provided in a hermetically sealed container, gas compressed by the  
4           first rotary compression element being discharged into the hermetically sealed container, and the  
5           discharged gas of intermediate pressure being further compressed by the second rotary compression  
6           element;

7           first and second cylinders respectively constituting the first and second rotary compression  
8           elements;

9           a first support member adapted to seal an opening surface of the first cylinder, and provided

10 with a bearing of a rotary shaft of the electric element;

11 a second support member adapted to seal an opening surface of the second cylinder, and  
12 provided with a bearing of the rotary shaft; and

13 a carbon bush provided between one of the bearings of the first and second support members  
14 and the rotary shaft;

15 wherein the bush is provided in the bearing of the second support member ~~The rotary~~  
16 ~~compressor according to claim 32,~~ wherein the compressor includes an oil reservoir, the first support  
17 member is adjacent to the oil reservoir, and no bushing is on the first support member.

1 Claim 50 (new): A rotary compressor comprising:

2 an electric element, and first and second rotary compression elements driven by the electric  
3 element, these components being provided in a hermetically sealed container, CO<sub>2</sub> refrigerant gas  
4 compressed by the first rotary compression element being discharged into the hermetically sealed  
5 container, and the discharged refrigerant gas of intermediate pressure being further compressed by  
6 the second rotary compression element;

7 a cylinder constituting the second rotary compression element;

8 a support member adapted to seal an opening surface of the cylinder on the electric element  
9 side, and provided with a bearing of a rotary shaft erected on a center part;

10 a discharge muffler chamber formed in the support member outside the bearing, and  
11 communicated with an inside of the cylinder; and

12           a cover attached to the support member to seal an opening of the discharge muffler chamber,  
13           wherein a thickness dimension of the cover is set to greater than or equal to 2 mm and less  
14           than or equal to 10 mm,  
15           wherein a thickness of the cover is set to 6 mm,  
16           wherein the cover has a peripheral part fixed to the support member by a bolt, a gasket is  
17           held between the cover and the support member, and an O ring is provided between an inner  
18           peripheral end surface of the cover and an outer surface of the bearing.

1           Claim 51 (new):       The rotary compressor according to claim 50, wherein the cover is not  
2           fixed to the bearing by a C ring,

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